

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 August 2002 (08.08.2002)

PCT

(10) International Publication Number
WO 02/060522 A2

- (51) International Patent Classification⁷: **A61N**
- (21) International Application Number: **PCT/IL02/00085**
- (22) International Filing Date: 30 January 2002 (30.01.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/264,686 30 January 2001 (30.01.2001) US
- (71) Applicant (*for all designated States except US*): **SALI-WIZER ITD.** [IL/IL]; Granot Initiative Center, 38100 D.N. Hefer (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **PINES, Erella** [IL/IL]; P.O. Box 1745, 37110 Pardes Hanna (IL). **FENSTER, Mark** [IL/IL]; Herzog Street 11/10, 43364 Raanana (IL).
- (74) Agent: **FRIEDMAN, Mark, M.**; Beit Samueloff, Haomanim Street 7, 67897 Tel Aviv (IL).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— *without international search report and to be republished upon receipt of that report*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **SYSTEM AND METHOD FOR ELECTRICAL STIMULATION OF SALIVATION**

(57) Abstract: A system, a device and a method for electrically detecting a lack of saliva in an oral cavity of an individual and for electrically stimulating the oral cavity so as to induce production of saliva from at least one salivary gland are disclosed. The system includes a control device for detecting a measure of salivation in the individual and for delivering electrical impulses to the oral cavity of the individual, a check device for checking a state of the control device and for modifying at least one parameter of the control device, and, a computer device for exchanging information with the check device.



WO 02/060522 A2